

# Converting Colors

Hex(8C5BD2)

Have a look what the booklet for  
Hex(8C5BD2) contains.

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# Color

**Hex(8C5BD2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8C5BD2
RGB	140, 91, 210
RGB Percent	55%, 36%, 82%
CMY	0.4510, 0.6431, 0.1765
CMYK	0.33, 0.57, 0.00, 0.18
HSL	265°, 57%, 59%
HSV	265°, 57%, 82%
XYZ	26.1892, 17.7108, 63.0110
YIQ	119.2170, -8.9950, 47.3970

# Conversions

## Conversions Part 2

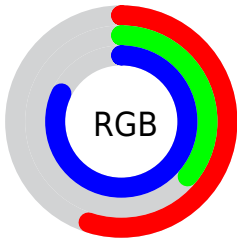
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	140, 91, 210
Decimal	9198546
CIE <sub>Lab</sub>	49.14, 44.57, -54.35
CIE <sub>LCh</sub>	49, 70.288, 309.353
Yxy	17.7108, 0.2450, 0.1657
Android (android.graphics.Color)	4287388626 (0xFF8C5BD2)
YUV	119.2170, 44.7560, 18.2267
Hunter-Lab	42.0842, 37.4341, -59.3137

# Details

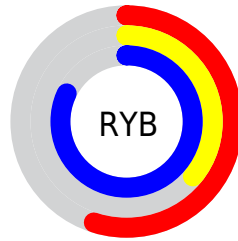
The Hex color **8C5BD2** is a dark color, and the websafe version is hex **9966CC**. The color can be described as middle muted purple. A complement of this color would be **A1D25B**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **C58FFF**, and **542A9B** is the 20% darker color. If you saturate the color by 10%, you get **8046D2**, and if you desaturate by 10%, it is **9870D2**.

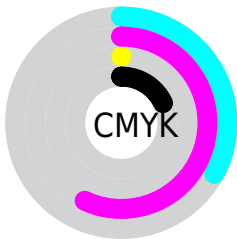
# Distribution



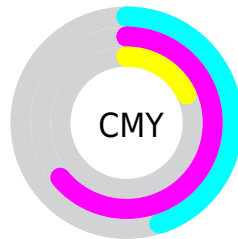
- Red (55%)
- Green (36%)
- Blue (82%)



- Red (55%)
- Yellow (36%)
- Blue (82%)



- Cyan (33%)
- Magenta (57%)
- Yellow (0%)
- Black (18%)



- Cyan (45%)
- Magenta (64%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8C5BD2 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 8C5BD2 by changing the saturation by 10% instead.



■ 8C5BD2

■ 8C5BD2

FFFFFF

■ 7042B6

■ C58FFF

■ 542A9B

■ E2AAFF

■ 381080

■ FFC6FF

■ 180066

■ FFE2FF

■ 00004E

■ 000536

■ 00021F

■ 000003

■ 000000

8C5BD2

8C5BD2

8046D2

9870D2

7331D2

A585D2

671CD2

B19AD2

5B07D2

BDAFD2

5600D2

CAC4D2

D6D9D2

E2EED2

EFFFD2

FBFFD2

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0076EC



8C5BD2



C838A0

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



8C5BD2



AE6200



008F87

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



8C5BD2



A1D25B

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008C48



8C5BD2



7D7800

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



8C5BD2



D1432B



388500



008ECO

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



8C5BD2



D92879



388500



008E72



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



8C5BD2



E6D4FF



5BA2D2



716680



000000



808080



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



8C5BD2



9952FF



C65BD2



625E69



4500A8



110029



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



D25BA1



FF52B8



67D25B



695E64



A80063

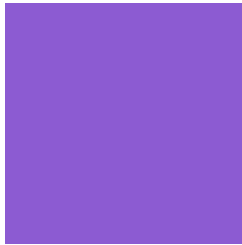


290018



# Previews

## White Background



This preview shows how the Hex color 8C5BD2 looks on a white background.

## Color Contrast Check

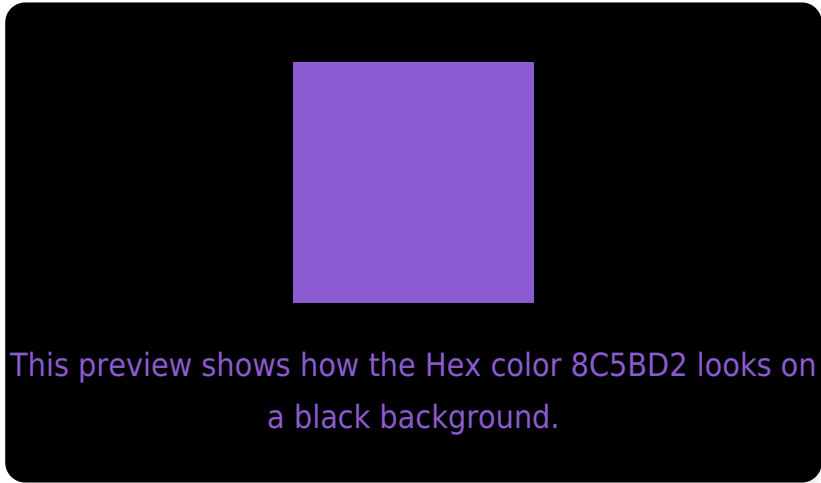
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

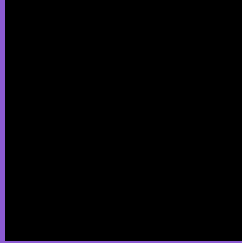
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 8C5BD2 Background



This preview shows how black text looks on a background with the Hex color 8C5BD2.

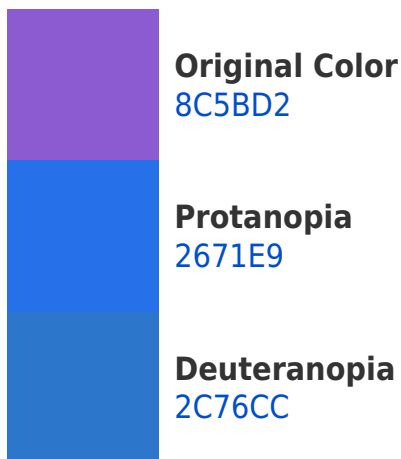


This preview shows how white text looks on a background with the Hex color 8C5BD2.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





**Tritanopia**  
7B727B

# Trichromacy



**Original Color**  
8C5BD2



**Protanomaly**  
4B69E1

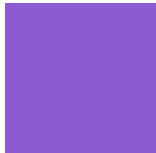


**Deuteranomaly**  
4F6CCE



**Tritanomaly**  
816A9B

# Monochromacy



**Original Color**  
8C5BD2



**Achromatopsia**  
777777



**Achromatomaly**  
7F6D98

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8C5BD2 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #8C5BD2 looks like.

```
.text, #text, p{  
    color:#8C5BD2  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #8C5BD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8C5BD2
}
```

## Border

The CSS property to change the border of an element to Hex 8C5BD2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#8C5BD2 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#8C5BD2 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #8C5BD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8C5BD2; -webkit-box-shadow:4px 4px  
4px 4px #8C5BD2; box-shadow:4px 4px 4px  
4px #8C5BD2 }
```

# Background

The CSS property to change the background color of an element to Hex 8C5BD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8C5BD2 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#8C5BD2 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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